

Plants of west central Chile received from Father Pirion and Father Jaffuel

1717 ~~eraria~~ *Chloraea* sp.
1718 ~~eraria~~ *Bipinnula plumosa* Lindl.
1719 *Agoseris* (*Troximor chilense* Gray)
1720 " " "
1720b *Microseris* ~~pygmaea~~ *pygmaea* Don
1721 *Senecio* sp. ~~sterile~~
1722 *Adesmia* sp.
1723 *Lathyrus* ~~subandinus~~ Ph.
1724 *Cerastium* *avense* L.
1725 *Alstroemaria* sp.
1726 ~~Brodiaea~~ *Brodiaea violacea* (Kunth) Baker
1727 *Leucocoryne* *montana* Ph.
1728 *Tropaeolum* *brachyceras* Hotz.
1729 *Oxalis* *microcarpa* Benth.
1730 ~~Synrinchium~~ *Sisyrinchium* sp.
1731 *Sisyrinchium* sp.
1732 *Senecio* sp.
1733 *Baccharis* *rosmarinifolia* Hotz.
1734 *Stachys* *sericea* Kar.
1735 ~~schinus~~ *Schinus* sp.
1736 *Azara* *Gilliesii* Hotz.
1737 ~~u~~ *Torilis nodosa* (L.) Gaertn.
1738 *Galium* *suffraticosum* Hotz.
1739 *Polemonium* *Gayatum* (Wedd.) Brand
1740 *Colletia* *spinosa* Lam.
1741 ~~u~~ *Diposis bulbocastanum* DC.
1742 *Loasa* *bicolor* Ker, var.
1743 *Bowlesia* *uncinata* Colla
1744 ~~u~~ *Kageneckia angustifolia* Don.
1745 *Baccharis* *concava* DC.

1746 ~~Senecio~~ *glabratus* H. & A.

1747 ~~Tetragonia~~ *expansa* Muell.

1748 *Dioscorea* sp. No flowers nor fruit.

1749 ~~Borodaeo~~ *Brodiaea subbiflora* (Colla) Baker

1750 ~~Brodæa~~ *Brodiaea porrifolia* (Poepp.) Meigen

1751 ~~Gilia~~ *Giliaea graminea* Lindl.

1752 *Lobelia* *polyphylla* H. & A.

1753 *Mathewsia* *foliosa* H. & A.

1754 ~~Carica~~ *Carica chilensis* (Planch.) Solms-Laub.

1755 *Baccharis* *concava* DC.

1756 ~~Chrysanthemum~~ *Chrysanthemum tricuspidatum* (Lam.) Juss.

1757 *Griselinia* *scandens* (R. & P.) Tand.

1758 *Solanum* sp.

1759 ~~Mercurialis~~ *Mercurialis annua* L.

1760 *Solanum* *marginatum* L.

1761 *Chenopodium* *ambrosioides* L.

1762 *Rumex* *cuneifolius* Campd.

1763 *Oxalis* *cornuta* Thunb.

1764 *Erodium* *moschatum* (L.) l'Herit.

1765 *Ranunculus* *muricatus* L.

1766 ~~Stellaria~~ *Stellaria cupidata* Willd.

1767 *Dioscorea* *Bridgesii* Greene.

1768 ~~am. sp.~~ *Hippiastrum*

1769 *Plantago* sp.

1770 ~~am.~~ *Polygonum tetraphyllum* L.

1771 *Trifolium* *glomeratum* L.

1772 *Chaetanthera* *incana* Poepp.

1773 ~~Pentacarpon~~ *Cardionema remosissimum* (Reichenb.) Nels. & Maehr.

1774 *Aplopappus* *oliganthemifolius* (Lam.) DC.

1775 *Lycium chilense* Miers
1776 *Loasa tricolor* Ker, var.
1777 *Baccharis Macraei* H. & A.
1778 *Stachys servcea* Cav.
1779 *Azara Gilliesii* H. & A.
1780 *Aplopappus* sp.
1781 *Psilocarpus chilensis* (Remy) Reiche.
1782 *Atriplex cognumbanum* Ph.
1783 *Heliotropium curassavicum* L.

Contained in no 1907

1907 *Baccharis* *Pingraea* DC.

1908 *Frankenia* *salina* (Mol.) Johnst.

1909 *Amaranthus* sp. Very interesting plant - but specimen poor.

1910 ~~one~~ *Bipinnula* *limbata* (Pogg.) Johnst.

1911 *Azorella* sp. no flowers nor fruit

1912 *Aplopappus* *integrifolius* (H. & A.) Hall

1913 *Verbena* *sulphurea* Don

1914 ~~Salpiglossis~~ *Salpiglossis* *sennata* R. & P.

1915 ~~Pistia~~ *Paspalum* *dasypleurum* Kunze

1916 ~~one~~ *Panicum* *Urvilleanum* Kunth.

1917 *Galium* *cotinoides* C. & S.

1918 *Eragrostis* *peruviana* (Jacq.) Trin.

1919 ~~Paspalum~~ *flavum* Presl

copy) 25
Plants from TALTAL collected by Father Jaffuel, Sept. 1931

2589 *Nolana villosa* (Ph.) Johnston
2590 *Nolana aplocaryoides* (Gaud.) Johnston
2591 *Heliotropium pycnophyllum* Ph.
2592 *Cristaria integrerrima* Ph.
2593 *Frankenia chilensis* Presl, var. *asper* (Ph.) Johnston
2594 *Nolana*
2595 *Nolana mollis* (Ph.) Johnston
2596 *Nolana ramosissima* ?
2597 *Nolana salsolooides* (Lindl.) Johnston
2598 *Nolana sedifolia* Poeppig
2599 *Polyachyrus roseus* Ph.
2600 *Ophryosporus triangularis* Meyen
2601 *Chenopodium hastatum* Ph.
2602 *Tetragonia maritima* Barn.
2603 *Euphorbia lactiflora* Ph.
2604 *Heliotropium* *Jaffuelii* Johnston — data incorrect?
2605 *Spergularia* sp.
2606 *Salpiglossis*
2607 *Silvaea amaranthoides* Ph.
2608 *Verbena atacamensis* Reiche
2609 *Cephalophora litoralis* Ph.
2610 unrecognized. Plant too fragmentary
2611 *Perityle Emoryi* Torr. var. *elata* (Ph.) Johnston
2612 *Adesmia eremophila* Ph.
2613 *Gypothamnium pinifolium* Ph.
2614 *Teucrium nudicaule* Hook.
2615 *Nolana*
2616 *Puya boliviensis* Baker
2617 *Oxalis*

Malloch
Plants from Antofagasta collected by Father Jaafuel, Nov. 6, 1931.

determined by I. M. Johnston

2618 *Gymnophyton foliosum* Ph

2619. *Perityle Emoryi* Torr. var. *elata* (Ph.) Johnston

2620 *Nolana peruviana* (Gaud.) Johnston

2621 *Dinemandra ericoides* Juss.

2622 *Ophryosporus triangularis* Meyen

2623 *Ephedra* sp. no fruit

2624 *Nolana* sp. = no. 2643.

2625 *Nolana inconspicua* Johnston mixed with *N. linearifolia* Ph.

2626 *Nolana aplocaryoides* (Gaud.) Johnston

2627 *Frankenia chilensis* Presl var. *asper* (Ph.) Johnston

2628 *Cruckshanksia pumila* Clos

2629 *Alstroemeria violacea* Ph.

2630 *Solanum brachyantherum* Ph.

2631 *Quinchamalium carnosum* Ph.

2632 ~~#~~ *Loasa sessiliflora* Ph.

2633 *Domeykoa oppositifolia* Ph.

2634 *Quinchamalium*?

2635 *Schizanthus lacteus* Ph.

2636 *Loasa chilensis* (Gay) Urb. — new to Nitrate Coast!

2637 *Gymnophyton foliosum* Ph

2638 *Hoffmannseggia gracilis* (R. & P.) H. & A.

2639 *Heliotropium eriogenum* H. & A.

2640 *Nolana sedifolia* (Poepp.) Johnston

2641 *Tetragonia maritima* Barn.

2642 *Polyachyrus roseus* Ph.

2643 *Nolana* sp. apparently undescribed.

2998

2714

284

Copy

2644 *Paronychia coquimbensis* Gay

2645 *Chenopodium* sp.

2646 *Galium* sp. no fruit.

2647 *Spergularia fruticosa* Ph.

2648 caryop

2649 *Cardionema ramosissima* (Wenm.) Nels. & Machr.

2650 *Senecio Brunonianus* H. & A.

2651 *Nolana sedifolia* Poepp.

2652 *Malesherbia humilis* Don

2653 *Malvastrum peruvianum* (L) Gray

2654 *Bahia ambrosioides* Lag.

2655 ~~Am~~ *Amsinckia hispida* (R. & P.) Johnston + ~~Pectocarya~~ *Cryptantha clandestina* (Trev.) Johnston x

2656 *Calandrinia capitata* Host.

2657 *Oenothera contorta* Dongl.

2658 ~~Am~~ *Pleuraphora pusilla* Host.

2659 *Cerastium vescosum* L.

2660 ~~Am~~ *Ansomeria littoralis* Moq.

2661 *Pectocarya linearis* (R. & P.) DC

2662 *Stachys eremicola* Epling

2663 *Medicago hispida* Gaertn. var.

2664 *Erodium moschatum* L'Her.

2665 " *botrys* (var.) Bert.

2666 " " " "

2667 *Carex setifolius* Kunze

2668 ~~Am~~ *Soliva sessilis* R. & P.

2669 *Calandrinia capitata* Host.

2670 *Dichondra repens* Forst.

2671 *Spergularia coquimbensis* Ph.

2672 *Calandrinia* sp. inadequate material

2673 " sp. " "

2674 *Aplopappus* sp.? no flowers.

2675 *Oxalis micrantha* Bertero

2676 *Gnaphalium sphacelatum* HBK. var. *chilensis* DC.

2677 *Cristeria Uromenetae* Phil.

2678 ~~Sphaeralcea~~ *Sphaeralcea obtusiloba* (Hoch.) Don

2679 *Oenothera coquimbensis* Gay

2680 *Plantago littorea* Phil.

2681 *Gnaphalium heterophyllum* Phil.

2682 *Psilocarphus chilensis* (Remy) Reiche

2683 *Convolvulus dissectus* Cav.

2684 *Cephalophora Uromenetae* Phil.

2685 *Solanum* sp.

2686 *Heliotropium stenophyllum* H. & A.

2687 *Ophryosporus triangularis* Meyen

2688 *Amblyopappus pusilla* H. & A.

2689 *Chaetanthera linearis* Poepp.?

2690 ~~Polygonum~~ *Lastarriaea chilensis* Remy

2691 ~~com~~ *Moscharia pinnatifida* R. & P.

2692 *Chiropetalum Berteroana* Schlect.

2693 *Cassia Clusiana* Phil.

2694 *Verbena sulphurea* Don

2695 - ----

2696 *Nicotiana* sp.

2697 *Gilia laciniata* R. & P.

2698 *Senecio glanduloso-hirtellus* Reiche

2699 " sp.

2700 *Parietaria debilis* Forst.

2701 *Oxalis micrantha* Bertero

2702 *Llagunoa glandulosa* (H. & A.) Don.

2703 *Erigeron Berterianus* DC.

Coquimbo - Jaffuel - 1931

2704 Silene *gallica* L.

2705 ~~Medicago~~ *Melilotus indica* (L.) All.

2706 Aristolochia *chilensis* Miers

2707 Adesmia ~~officinalis~~ cf. no. 2711

2708 Leucocoryne *ixioides* (Hochst.) Lindl

2709 Microseris *pygmaea* Don.

2710 Gnaphelium *cymatoides* Kunze

2711 Adesmia *smithii* DC.

2712 Linaria *texana* Scheele

2713 ~~sororii~~ *Alonsoa incisaefolia* R. & P.

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(2714 → 23 11 44)

Plants of Concepcion collected by Father Jaffuel in 1931

2896 *Plantago* sp.

2897 *Plantago lanceolata* L.

2898 *Geranium* sp.

2899 ~~Thymelaea~~ *Sherardia arvensis* L.

2900 *Valeriana* sp.

2901 *Viola capillaris* Pers.

2902 *Valeriana crispa* R&P.

2903 *Ranunculus chilensis* DC.

2904 *Solanum* sp.

2905 ~~Loranth~~ *Phrygianthus heterophyllus* (R&P.) Eichler

2906 *Oenothera dentata* Cav.

2907 *Stachys pannosa* Th.

2908 *Astragalus prostratus* H.A.

2909 ~~phytol~~ *Ericilla spicata* (Bertero) Moq.

2910 *Lotus corniculata* L.

2911 ~~Centella~~ *Centella trifolia* (R&P.) Munro.

2912 *Spergularia campesina* Willd. & Lange.

2913 *Apium* sp.

2914 ~~gesner.~~ *Sarmienta repens* R&P.

2915 *Tropaeolum ciliatum* R&P.

2916 ~~orchid~~ *Chloraea Pigeuchen* Lindl.? dit Ames.

2917 *Lepidium* sp. cf. no. 2920

2918 ~~one~~ *Coronopus didymus* (L.) Smith

2919 *Calandrinia glauca* Schrad.

2920 *Lepidium* sp. cf. sub. no. 3045

2921 *Aster Vahlii* Hook.

2922 *Oxalis rosea* Jacq.

2923 *Lythrum* ~~lythrum~~ *lythroides* *lypsoifolium* L.

2924 *Tetragonia expansa* Aitton

2925 *Armeria andina* Poepp.

2926 *Senecio rigescens* H. & A.

2927 *Eupatorium glechonophyllum* Less.

2928 *Convolvulus Soldanella* L.

2929 ~~Myrsinaceae~~ *Myrsinaria obtusa* (H. & A.) DC.

2930 *Rebunium hypocrateum* (L.) Hemsl.

2931 *Veronica anagallis-agrestis* L.

2932 *Franseria bipinnatifida* Nutt.

2933 *Polygonum chilense* Koch

2934 *Dioscorea* sp.

2935 ~~Francoa~~ *Francoa sonchifolia* Cav.

2936 ~~■~~ *Aldenlandia thesiifolia* (H. & A.) Schum.

2937 *Oxalis* sp.

2938 *Sisyrinchium* sp.

2939 *Trifolium* sp. A very interesting plant.

2940 ~~Hydro~~ *Stachys pannosa* Th.

2941 *Ranunculus chilensis* DC.

2942 ~~■~~ *Nertera depressa* Banks & Sol.

2943 ~~■~~ *Sisymbrium litorale* Th.

2944 *Mimulus* sp.

2945 *Loasa acanthifolia* Desv.

2946 *Juncus bufonius* L.

2947 *Scirpus inundatus* Poir.

2948 *Juncus cyperoides* Labat

2949 *Juncus planifolius* R. Br.

2950 *Scirpus riparius* Presl

2951 *Carex pseudo-cyperus* L.

2952 *Distichlis thalassina* (H. & A.) Desv.

2953 *Carex pumila* Thunb.

2954 ~~Carex~~ *Eleocharis pachycarpa* Desv.

2955 Eleocharis sp.
2956 Eleocharis sp.
2957 Convolvulus sepium L.
2958 Scirpus inundatus Poir.
2959 Juncus bufonius L.
2960 Scirpus nodosus Rottb.
2961 Uncinia phleoides (var.) Pers.
2962 Juncus cyperoides Lakhape
2963 Juncus imbricatus Lakhape
2964 ~~Cerastium~~ Stellaria cuspidata Willd.
2965 Dichondra repens Forst.

Plants from Concepcion collected by Father Jaffuel in 1931.

2966 ~~Mimulus~~ ^{sp} Centella trifolia (R. & P.) Mennig.
2967 ~~umb.~~ Centella trifolia (R. & P.) Mennig.
2968 ~~myrt.~~ Eugenia Molinal Turcz.
2969 ~~n.~~ " " "
2970 ~~Eugenia~~ ^{sp} Eugenia peruviana DC.
2971 Rumex cuneifolius Cambod.
2972 Rumex conglomeratus Murray
2973 Convolvulus Hermanniae L'Herit.
2974 Lobelia tupa L.
2975 Cassia ~~stipulacea~~ Acton
2976 Hypericum caespitosum C. & S.
2977 Linum Macraei H. & A.
2978 Teucrium bicolor Smith
2979 Quinchamalium chilense Molina
2980 Chenopodium Atropurpureum hastatum L.
2981 Convolvulus sepium L. ~~sp~~
2982 Nothoscordum gramineum (Sims) Beurv.
2983 ~~comp.~~ Lapsana communis L.
2984 Verbena sp.
2985 Gnaphalium americanum Mill.
2986 Crepis capillaris (L.) Walbr.
2987 Cardamine sp.
2988 Anagallis arvensis L.
2989 Erigeron Conyzza chilensis Spreng.
2990 ~~Melilotus~~ Medicago lupulina L.
2991 Spergularia Polycarpon tetraphyllum L.
2992 Spergularia Liebmanniana (Lange) Polst.
2993 Prunella vulgaris L.

xxxxxx

2648 Polycarpon tetraphyllum L.

26'

211

202

2714 *Senecio rutaceus* Ph. use heading on page sheet

2715 *Senecio chilensis* Less.

2716 *Senecio* sp. = no. 2741

2717 *Erigeron* sp.

2718 *Senecio* sp.

2719 ~~Mat~~ *Nassauvia Lagascae* (Gillies) Meigen

2720 ~~Comp~~ *Lagenophora heronta* Poepp.

2721 *Senecio* sp.

2722 *Perezia pedicularifolia* Less. *lyrata* (Remy) Wedd.

2723 *Perezia pedicularifolia* Less.

2724 *Perezia pedicularifolia* Less.

2725 *Aster glabrifolius* (DC.) Reichb

2726 *Erigeron andicola* DC.

2727 *Baccharis* sp.

2728 *Gnaphalium* sp.

2729 ~~Mat~~ *Nassauvia Lagascae* (Gillies) Meigen

2730 ~~Comp~~ *Gnaphalium* ~~sp~~ *verpillofolum* Remy.

2731 *Baccharis retinodes* Wedd.

2732 ~~Comp~~ *Lucilia chilensis* H. & A.

2733 ~~Mat~~ *Nassauvia aculeata* Poepp. & Endl.

2734 *Senecio* *Aster glabrifolius* (DC.) Reichb

2735 *Hypochoeris* sp.

2736 ~~Mat~~ *Nassauvia lycopodioides* Ph.

2737 *Gnaphalium cheiranthifolium* Lam.

2738 *Baccharis* sp.

2739 *Hypochoeris odorata* (Poepp.) B. & H.

2740 *Baccharis* sp. = no. 2727.

2741 *Senecio* sp.

2740 *Nothofagus pumilio* (Poepp. & Endl.) Kresser

2743 *Azara alpina* Poepp. & Endl.

2744 *Nothofagus Dombeyi* (Mirb.) Blume

2745 " " "

2746 *Azara alpina* Poepp. & Endl.

2747 " " "

2748 *Sisyrinchium* sp.

2749 " sp?

2750 *Geranium* sp.

2751 *Ephedra andina* Poepp.

2752 *Wendtia Reynoldii* Endl.

2753 *Dioscorea Brachybotrys* Poepp.

2754 *Perennetia mucronata* DC

2755 " *myotelloides* (Poepp. & Endl.) Zucc.

2756 *Equisetum bogotense*

2757 *Lychnis* sp.

2758 *Viola Cotyledon* Gingin.

2759 *Cerastium arvensis* L., var.

2760 *Arenaria seopensis* H. & K.

2761 " " "

2762 *Calceolaria foliosa* Th.

2763 " *biflora* Lam.

Plants from the Termas de Chillan collected by Father Jaffuel in 1933

Determined by I. M. Johnston July, 1936

3

2764 *Calceolaria glandulosa* Poepp.?

2765 *Mimulus luteus* L.

2766 *Calceolaria faliosa* Ph.

2767 *Calceolaria Volckmannii* Ph.

2768 *Scroph.* *Oreisia Poeppigii* Benth.

2769 *Lathyrus* *Vicia heterophyllus* Ph.

2770 *Adesmia radicifolia* Clos

2771 *Lathyrus* *multiceps* Clos

2772 *Vicia apiculata* Ph.

2773 *Lathyrus* ~~multiceps~~ Clos *Vicia heterophyllus* Ph

2774 *Adesmia emarginata* Clos.

2775 *Lathyrus multiceps* Clos.

2776 *Stachys Gilliesii* Benth.

2777 *Loranthus* sp.

2778 *Myzodendron oblongifolium* DC.

2779 ~~Eric~~ *Pernettya*

2780 ~~Loas~~ *Cajophora silvestris* Urban & Gilg.

2781 *Loasa lateritia* Jilg.

2782 *Loasa filicifolia* Poepp.

2783 *Polygala thesioides* Willd.

2784 *Calandrinia Gayana* Barn.

2785 *Calandrinia* "

2786 *Calandrinia Gayana* Barn.

2787 *Calandrinia* " "

2788 *Calandrinia sericea* Hoch.

2789 *Armeria andina* (Poepp.) Rendle

2790 ~~Orchid~~ *Asarca Commersonii* Hoch. f.

2791 *Epilobium pauciflorum* Phil.

2792 *Epilobium glaucum* Ph.

2793 *Oxalis valdiviensis* Barn.

2794 *Epilobium pauciflorum* Phil.

2795 ~~Root~~ *Lomatia chilensis* Gay

2796 *Quinchamalium* sp.

2797 *Quinchamalium* sp.

2798 *Galium hypnoides* Clos.

2799 *Relbunium hypocarpum* (L.) Hemsl.

2800 *Acaena macrocephala* Poepp.

2801 *Solanum tuberosum* Lindl.

2802 *Senecio Lastarrianus* Remy?

2803 *Senecio* sp.

2804 *Senecio gayanus* DC.

2805 *Perezia nutans* Less.

2806 *Leucheria thermarum* (Ph.) Reiche

2807 *Aplopappus marginalis* Ph.

2808 *Perezia pilifera* H. & A.

2809 *Leucheria purpurea* DC.

2810 *Collomia biflora* (R. & P.) Brand

2811 *Senecio Hieracium* Remy.

2812 *Erigeron andicola* DC.

2813 *Aster glabrifolius* (DC.) Reiche

2814 *Senecio* sp. = no. 2718.

2815 *Senecio* sp.

2816 *Senecio* sp. = 2815

2817 *Glycine* *Glycine angustifolia* Ph.

2818 *Senecio purpuratus* Ph.

2819 *Calandrinia Cuningii* H. & A.

2820 *Hypochaeris* sp. = no. 2735.

2821 *Mutisia decurrens* Cav.

2822 *Schizanthus Hookeri* Gillies

2823 *Ribes cucullatum* H. & A.

2824 *Escallonia rosea* Griseb.

2825 *Muhlenbeckia hastulata* (Sm.) Johnst.

2826 *Ribes magellanicum* Poir.

2827 *Escallonia Carmelita* Meyen

2828 *Ranunculus peduncularis* Sm.

2829 *Anemone multifida* Poir.

2830 ~~calyc~~ *Boopis spathulata* Ph.

2831 ~~calyc~~ *Gamocarpha alpina* (Poep.)

2832 ~~umb~~ *Huanaca andina* Phil.

2833 *Geranium sessiliflorum* Cav.

2834 *Osmorrhiza Berteri* DC.

2835 *Caltha andicola* (Gay) Walp.

2836 *Asteriscium Poggia hydrocotylifolia* Bridges

2837 ~~umb~~ *Myrrhis Reniformis* Phil.

2838 ~~umb~~ *Sanicula graveolens* Poep.

2839 ~~umb~~ *Malenum spinosum* (Cav.) Pers.

2840 *Geranium sessiliflorum* Cav.

2841 *Viola cotyledon* Gingin.

2842 *Calceolaria* sp.

2843 ~~compr~~ *Lagenophora hirsuta* Poep.

2844 *Viola maculata* var *pubescens* Reichenb.

2845 *Gunnera magellanica* Lam.

2846 *Anagallis alternifolia* Cav.

2847 ~~unrec~~ *Oreisia breviflora* Benth.

2848 *Calceolaria* sp.

2849 *Gunnera magellanica* Lam.

2850 *Adesmia compacta* Ph.

— 2851 ~~—~~ *Lomatia chilensis* Gay

2852 *Escallonia rosea* Griseb

2852 *Juncus* sp. ?

2854 *Pernettya leucocarpa* DC.

2855 ~~juv.~~ *Andesia bisexualis* Hauman?

2856 *Arenaria serpens* H. & K.

2857 ~~comp.~~ *Lagenophora Commerciorum* (Ans.)

2858 *Heliotropium paronychioides* A. DC.

2859 *Valeriana carnosa* Sm.

2860 *Valeriana lasiiflora* DC.

— 2861 unrecognized.

2862 *Vicia heterophyllus* Ph.

2863 ~~or~~ *Polygonia tetraphylla* Poepp. & Endl.

2864 *Veronica serpyllifolia* L.

2865 ~~comp.~~ *Adenocaulon chilense* Less.

2866 *Euphrasia chrysanthia* Ph.

2867 *Saxifraga Pavonii* Don

2868 *Maytenus disticha* Urban

2869 ~~seroph~~ *Oxalis breviflora* Benth.

2870 ~~Pernettya~~ *Empetrum rubrum* Willd.

2871 ~~seroph~~ *Oxalis macrophylla* Poepp. & Endl.

2872 *Pernettya* -

2873 *Solanum*? no flowers nor fruit.

2874 *Dioscorea* sp.

2875 *Calandrinia Cumingi* H. & A.

2876 *Osmorrhiza Bertero* DC.

2877 *Vicia heterophyllus* Ph

Plants of Chillan from Father Jaffuel -- 1933 & Father Falippon 1936

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Borg Fresh

2878 *Polystichum mohrioides* (Poepp.) ~~Th.~~ var. *plicatum* (Poepp.) Chr. "

2879 " "

2880 " "

2881 " "

2882 fern *Bllechnum pennsylvanicum* (L.) Kuhn

2883 fern no spores.

2884 umb. *Pozoa hydrocotylifolia* Bridges

2885 *Viola Buchtienii* Gaud. ↙

2886 *Valeriana macrophylla* Poepp.

2887 *Ephedra andina* Poepp.

2888 *Epilobium glaucum* Th.

2889 *Carex decidua* Booth.

2890 *Cardamine* sp.

2891 *Ourisia Poeppigii* Benth.

2892 *Mimulus luteus* L.

2893 *Ourisia macrophylla* Poepp. & Endl.

2894 *Nassauvia lycopodioides* Th.

2895 *Arenaria serpens* Hott.

Plant *Forest Banks*
of *Collar* & *Cold*

Plant collected in 1936 in the Philippines by Father Faller. Present location unknown.

insert this
new heading

Cordilleras of Santiago -- Plants collected by Father Pirion 1933

2994 *Aplopappus Paepigianus* (H. & A.) Gray

2995 *euphorb* *Colliguaya salicifolia* Gill. & Hook.

2996 *Baccharis Macraei* H. & A.

2997 *Aplopappus chrysanthemifolia* DC.

2997 *Tagetes minuta* L

2998 *Aplopappus rotundifolia* Hell.

Plants of Marga-Marga collected by Father Jaffuel and Father Pirion

2999 compinal *Psilocarphus chilensis* (Remy) Meigen

3000 *Sanicula graveolens* DC.

3001 *Stachys grandidentata* Lindl.

3002 *Dioscorea saxatilis* Poepp.?

3003 *Carex setifolia* Kunze var *pungens* (Boeck.) Küken

3004 *Lythrum* sterile possibly *Polygalacea*.

3005 *Cardamine chilensis* DC.

3006 ~~Scirpus~~ *Cyperus reflexus* Vahl.

3007 ~~Cynza~~ *Erigeron* sp. = no. 3221

3008 *Oxalis laxa* H&A.

3009 *Calandrinia compressa* Schrad.

3010 *Tropaeolum brachyceras* H&A.

3011 ~~Nethesordum~~ *Brodiaea subbiflora* (Colla) Baker

3012 ~~orehid~~ *Chloraea galeata* Lindl lit Ames

3013 comp unrecognized. sterile

3014 *Lathyrus Hookeri* Don

3015 *Eleocharis palustris* R.Br.

3016 comp *Lasthenia obtusifolia* Cass.

3017 *Adesmia microphylla* H&A.

3018 *Senecio Cumingii* H&A. = no. 557!

3019 *Cassia Closiana* Ph.

3020 *Luzula chilensis* Nees & Meyen

3021 *Astragalus procumbens* H&A.

3022 ~~III~~ *Leucocoupe montana* Phil.

3023 aset *Tricedia confertiflora* Malme? too young!

3024 *Valeriana papilla* Bertero

3025 *Puya chilensis* Molina (flowers) + *P. coerulea* Lindley (leaves)

3026 *Gnaphalium cymatoides* Kunze

3027 *Potamogeton Gayi* Benn.

3028 *Mimulus glabratus* H&A., var.

3029 ~~rhema~~ *Retamilia ephedra* Brong.

3030 ~~santal~~ *Myoschilos oblongum* R. & P.

3031 *Berberis actinacantha* Mart. var. *crispa* (Gay) Reiche

3032 *Vicia pallida* H. & A. = no. 249.

3033 *Picris echinoides* L.

3034 *Senecio vulgaris* L. *Taraxacum vulgaris* (Lam.) Schrank.

3035 ~~Terpnium~~ *Spergula arvensis* L. ! 3036

3036 *Spergula arvensis* L.

3037 ~~tit~~ *Miersia chilensis* Lindl.

3038 *Sonchus oleraceus* L.

3039 ~~bimoseille~~ *Lilaeopsis sinuata* Hill.

3040 ~~lardazal~~ *Lardizobala bitemnata* R. & P.

3041 ~~Loasa~~ *Loasa floribunda* H. & A.

3042 *Aristolochia chilensis* Miers.

3043 *Acaena trifida* R. & P.

3044 ~~forrent~~ *Phygilanthus tetrandrus* (R. & P.) Eichler

3045 *Lepidium* sp. = no. 3059. This genus is being monographed and all of our specimens are away on loan. I shall send you specimens of *Lepidium* for study of Mr. Hitchcock.

3046 ~~tit~~ *Notholaena tomentosa* Desv. (= *N. hypoleuca* Kunze)

3047 *Carex setifolius* Kunze var. *pungens* (Boeck.) Kükem.

3048 *Adesmia* ~~prospicua~~ *prospicua* Clos.

3049 ~~rhema~~ *Colletia hystrix* Gillies

3050 *Cardamine tuberosa* DC.

3051 ~~tit~~ *Ribes punctatum* R. & P.

3052 *Carex setifolius* Kunze var. *typica*

3053 ~~euph~~ *Colliguaya odorifera* Molina

3054 *Sisyrinchium* sp.

3055 *Geranium* *Bertorianum* Coda.

3056 *Cardamine chilensis* DC.

3057 *Juncus cyperoides* Laharpe
3058 *Baccharis marginalis* DC.
3059 *Lepidium* sp. ^{= no. 3045}
3060 ~~sp.~~ *Tecophilaea veolaeiflora* Bertero
3061 *Malesherbia linearifolia* (Cav.) Poir.
3062 *Capsella Bursa-pastoris* L.
3063 *Eschscholtzia californica* Cham.
3064 *Pectocarya linearis* (R. & P) DC.
3065 *Vivienia petiolata* H. & A.
3066 *Cuscuta chilensis* Ker.-Gaw.
3067 *Nicotiana* sp.
3068 *Lactuca Scariola* L.
3069 *Mentha Pulegium* L.
3070 *Dryopteris argentina* (Hieron.) C. Chr.
3071 *Amaranthus hybridus* L.
3072 ~~sizee~~ *glinus radiatus* (R. & P.) Rohrb.
3073 ~~lilie~~ *Miersia chilensis* Lindl.
3074 *Sophora macrocarpa* Smith.
3075 ~~monim~~ *Boldea boldus* (Mol.) Loosse
3076 ~~comp~~ *Lapsana communis* L.
3077 *Veronica persica* Poir.
3078 *Buddleya globosa* Lam.
3079 *Baccharis paniculata* DC.
3080 *Galinsoga parviflora* Cav.
3081 *Lythrum hyssopifolia* L.
3082 *Dioscorea variifolia* Bertero (= Jaffuel 1271, 1272, 1273)
3083 *Rumex crispus* L.
3084
3085 ~~comp~~ *Hypochaeris* sp.
3086 *Verbena linslida* R. & P.

3087 *Navarretia involucrata* R. & P.

3088 ~~one~~ Crucifera. Species & genus unrecognized. Please send specimens showing mature fruit.

3089 *Loasa floribunda* Hotz.

3090 *Dioscorea bogotaeifolia* Poepp. + *D. variifolia* Bert. + *D. saxatilis* Poepp.?

3091 *Psilocarphus chilensis* (Remy) Meigen

3092 *Chaetanthera incana* Poepp.

3093 *Tropaeolum ciliatum* R. & P.

3094 *Epilobium* sp.

3095 ~~rhamn~~ *Trevoa trinervia* Gill. & Hook.

3096 *Chaetanthera serrata* R. & P.

3097 ~~seipps~~ *Cyperus reflexus* Vahl

3098 ~~rida~~ *Alophia pulchella* Sweet

3099 *Scirpus riparius* Presl.

3100 *Puya violacea* (Brong.) Mey. var.

3101 *Adesmia Pirioni* n.sp.

3102 *Pectocarya linearis* (R. & P.) DC.

3103 *Lepidium* sp. = no. 3045 cf. 3045

3104 *Gilia laciniata* R. & P.

3105 *Orthocarpus attenuatus* Gray

3106 *Stachys truncata* Kunze

3107 *Plagiobothrys procumbens* (Colla) Gray

3108 *Calandrinia compressa* Schrad.

3109 *Calandrinia* *Monocosmia monandra* (R. & P.) Pax

3110 *Adesmia propinqua* Clos + *Adesmia phylloidea* Clos.

3111 *Calandrinia axilliflora* Barn.

3112 ~~polygon~~ *Lastarriacea chilensis* Remy

3113 *Calandrinia compressa* Schrad.

3114 *Cardamine chilensis* DC.

3115 *Erodium chilensis* J. Muñoz

3116 *Erodium botrys* (Lav.) Bert.

3117 ~~comp. inul~~ *Facelis retusa* (L.) Sch. Bip. var. *chilensis* (F. & M.) Baker

3118 ~~sp.~~ *Sisyrinchium*? sterile

3119 ~~comp.~~ *Lastheria obtusifolia* Cass.

3120 *Dioscorea saxatilis* Poepp.? + *D. variifolia* Bert.

3121 *Leucheria glandulosa* Don

3122 *Gnaphalium Chamissonis* DC.

3123 *Gnaphalium* sp. = no. 894.

3124 *Cerastium viscosum* L.

3125 *Plectritis samolifolia* (DC.) Hook.

3126 ~~comp. inul~~ *Filago gallica* L.

3127 *Valeriana* sp. Please collect a better specimen.

3128 *Medicago hispida* Gaertn.

3129 *Alstroemeria pulchra* Sims

3130 *Chorizanthe paniculata* Benth.

3131 *Juncus Dombeyanus* Gay

3132 *Carex pseudo-cyperus* L.

3133 *Eleocharis palustris* R.Br.

3134 *Cryptantha clandestina* (Trev.) Johnston

3135 *Malesherbia linearifolia* (Cav.) Poir.

3136 *Downingia pusilla* (Poepp.) Torr } Please make some abundant new

3137 " " " " } collections to show corolla-structures

3138 *Crassula peduncularis* (Sm.) Reiche

3139 *Ranunculus bonariensis* Poir.

3140 *Amaranthus deflexus* L.

3141 ~~sp.~~ *Conanthera bifolia* R. & P.

3142 *Godetia tenella* (Cav.) Steud.

3143 *Gochnatia rigida* Don

3144 ~~sp.~~ Umbellifera - not recognized

3145 *Plantago truncata* Cham. subsp. *firma* Pilger

3146 *Adesmia radicifolia* Clos

3147 *Plagiobothrys (allocarya) procumbens (Colla) Gray*
3148 *Galium suffruticosum H. & A.*
3149 *Euphorbia Peplus L.*
3150 ~~Loes.~~ *Syphanthus stenocarpus (Berg) Berg* 26.89
3151 *Plantago hiapidula R. & P.*
3152 *Plantago truncata Cham, subsp. firma Pilger*
3153 *Plantago hiapidula R. & P.*
3154 ~~serop~~ *Alonsoa incisifolia R. & P.*
3155 ~~III~~ *Leucocoryne ixiooides (Hoch.) Lindl.*
3156 *Erodium chilense J. Benth.*
3157 ~~myrt~~ *Myrcengenia Petra Berg*
3158 *Pasithea caerulea (R. & P) Don*
3159 *Sisyrinchium sp.*
3160 *Bodens pilosa L.*
3161 *Calandrinia arenaria Schrad.*
3162 ~~comp~~ *Podanthus Mitiqui Lindl.*
3163 *Baccharis marginalis DC.*
3164 *Ranunculus bonariensis Poir.*
3165 ~~orchid~~ *Asarca sinuata Lendl. dit Ames.*
3166 ~~comp~~ *Soliva sessilis R. & P.*
3167 *Oxalis lobata Sims*
3168 *Geranium Robertianum L.*
3169 *Calceolaria glandulosa Paep.*
3170 ~~myrt~~ *Myrcengenia stenophylla Berg*
3171 *Galium aparine L.*
3172 ~~Nasturtium~~ *Roripa Nasturtium-aquatica (L.) Sch. & Thell.*
3173 ~~caryop~~ *Sagina sp. please collect this with fruit. cf. nos. 3203, 3204.*
3174 *Spergula arvensis L.*
3175 ~~III~~ *Nothoscordum gramineum (Sims) Beauv.*
3176 *Calandrinia compressa Schrad.*
3177 *Geranium Robertianum Colla*

3178 *Plantago lanceolatum* L.

3179 *Plagiobothrys fulvus* (H. & A.) Johnst.

3180 *Pentaeaena Cardionema ramosissima* (Wiemm.) Nels. & Machr.

3181 *Calceolaria glandulosa* Poepp.

3182 ~~■■■~~ *Bottonea Thysanothoides* Colla

3183 *Anoda hastata* Cav.

3184 ~~caryop-~~ *Tolycarpus tetraphyllum* L.

3185 ~~■■■~~ *Scilla chloroleucum* (Lindl.) Kauff.

3186 ~~■■■~~ *Conanthera campanulata* Don

3187 *Phacelia pinnata* (R. & P.) Machr.

3188 *Silene gallica* L.

3189 ~~caryop-~~ *Chrysanthemum* ~~■■■~~ *parthenium* (L.) Pers.

3190 *Erodium cicutarium* (L.) L'Herit.

3191 ~~grass~~ *Chusquea Quila* Molina

3192 *Fumaria agraria* Lag.

3193 *Valeriana Bridgesii* H. & A.

3194 *Corrigiola squamosa* H. & A.

3195 *Plagiobothrys procumbens* (Colla) Gray

3196 *Calandrinia* sp. no flowers nor fruit.

3197 ~~Calandrinia~~ *Monocosmia monandria* (R. & P.) Pax

3198 *Calandrinia compressa* Schrad.

3199 *Juncus bufonius* L.

3200 *Calandrinia ramosissima* H. & A.

3201 *Galium murale* Coll.

3202 ~~Priu-~~ *Pelletiera verna* St. Hil.

3203 ~~caryop-~~ *Sagina* sp. cf. no. 3173

3204 ~~—~~ *Sagina* sp. " " "

3205 ~~Alchemilla~~ *Alchemilla Looseri* Rothmaler

3206 *Cotula australis* Hook.

3207 *Chaetanthera incana* Poepp.

3208 *Callitriches turfosa* Bertero

3209 *Cestrum Parqui* L'Herit

3210 *Escallonia revoluta* (R&P) Pers

3211 *Convolvulus dissectus* Cav.

3212 ~~lab~~ *Lamium amplexicaule* L.

3213 *Plantago hispidula* R&P.

3214 *Plantago* sp. Please make new and better collections of this.

3215 *Veronica Anagallis-aquatica* L.

3216 *Aster Haplospappus* (Remy) Kunze

3217 *Calceolaria thyrsiflora* Graham.

3218 *Oxalis corniculata* L.

3219 *Trifolium filiforme* L.

3220 *Solanum* sp.

3221 *Comyzza* *Erigeron* sp. = 3007

3222 *Tillandsia usneoides* L.

3223 *Xanthium spinosum* L.

3224 *Chenopodium* sp.

3225 ~~rhiz~~ *Trevoa trinervia* Gill. & Hook.

3226 *Gnaphalium cymatoides* Kunze

3227 *Gnaphalium* sp. Very interesting. Please collect better specimens.

3228 ~~comp~~ *Aster exilis* Ell.

3229 *Baccharis sagitalis* DC.

3230 *Cotula australis* Hook.

3231 *Medicago sativa* L.

3232 *Boerhaavia caribaea* Jacq.

3233 *Cerastium vescomum* L.

3234 *Polygonum* sp.

3235 *Datura stramonium* L.

3236 ~~trid~~ *Solenomelus pedunculatus* (Gillies) Hochr.

3237 *Cynoglossum paniculatum* H. & A.

3238 *Juncus cyperoides* Labarpe

3239 ~~comp~~ *Lasthenia obtusifolia* Cass.

3240 comp *Lathyrus obtusifolia* Cass.

3241 comp *Specularia perfoliata* (L.) DC.

3242 polygal *Monnieria linearifolia* R&P

3243 seroph *Bartsia chilensis* Benth.

3244 *Solanum villosum* Lam.

3245 Santaria *Torilis norvegica* Gaertn

3246 ~~com~~ *Registrum orientale* DC.

3247 *Mirabilis jalapa* L.

3248 comp *Filago gallica* L.

3249 ~~umbel~~ *Osmorrhiza Berterii* DC.

3250 *Scirpus cernuus* Vahl

3251 *Azara serrata* R&P.

3252 shrub *Azara celastrina* Don

3253 comp *Hypochaeris* sp.

3254 *Adesmia tenella* Hotz.

3255 *Berberis* sp. Very interesting! please collect in better condition.

3256 ~~sol~~ *Physalis peruviana* L.

3257 *Paronychia chilensis* DC.

3258 *Alstroemeria* sp.

3259 ~~amaryl~~ *Hippeastrum adorinum* Herb.

3260 *Limosella aquatica* L.

3261 *Scirpus cernuus* Vahl.

3262 ~~umbel~~ Umbellifera; unrecognized

3263 *Mirabilis (Oxybaphus)* sp. No flowers nor fruit.

3264 *Urtica magellanica* Poeir.

3265 ~~Nasturtium~~ *Noripa Nasturtium-aquatica* (L.) Sch. & Thell.

3266 ~~polyg~~ *Polygonum strictum* J. Gay

3267 *Gnaphalium* sp.

3268 *Vicia nigricans* Hotz.

3269 *Cassia Closiana* Ph.

3270 ~~lab~~ *Melissa officinalis* L.

3271 *Dipsacus Fullonum* L.

3272 *Vicia sativa* L.

3273 ~~rham~~ *Colletia hystrix* Gillies

3274 *Scirpus asper* Presl.

3275 *Typha domingensis* Pers.

3276 *Puya violacea* (Brong.) Mez var *intermedia* Smith & Loeser

3277 *Apium ammi* (Jacq.) Urban

3278 ~~■■■~~ *Brodiea violacea* (Kunth) Baker

3279 *Cynoglossum paniculatum* H.A.

3280 ~~Ermeria~~ *Armeria curvifolia* Bertero

3281 *Escallonia pubescens* pulverulenta var. *glabra* Engler

3282 ~~■■■~~ *Hydrangea integrifolia* (H.A.) Engler

3283 *Solanum* sp.

3284 *Cassia Cossiana* Ph.

3285 *Astragalus procumbens* H.A.

3286 *Senecio Cumingii* H.A.

3287 *Sambucus australis* C. & S.

3288 *Lobelia polyphylla* H.A.

3289 *Rebunium Hypocarpum* (L.) Hemsl.

3290 *Ranunculus muricatus* L.

3291 *Mentha Pulegium* L.

3292 *Vicia nigricans* H.A.

3293 ~~Garex~~ *Juncus Dombeyanus* Gay? too young.

3294 *Juncus* sp? too young.

3295 *Eupatorium glechonophyllum* Less.

3296 ~~■■■~~ *Sphaeralcea obtusiloba* Don

3297 *Lathyrus dumetorum* Ph.

3298 *Geranium intermedium* Colla

3299 *Fumaria capreolata* L.

3300 *Plagiobothrys fulvus* (H.A.) Johnston

3301 *Cyperus vegetus* Willd.

3302 *Cyperus reflexus* Vahl

3303 *Plagiobothrys fulvus* (H. A.) Johnston

3304 *Verbena litoralis* HBK.

3305 *Verbena hispida* R. & P.

3306 *Verbena bonariensis* L.

3307 comp *Cephalophora aromatica* Schrad?

3308 ~~Scirpus~~ *Cyperus reflexus* Vahl.

3309 *Juncus Dombeyanus* Gay

3310 *Stachys grandidentata* Lindl

3311 *Calceolaria petioalavis* Cav.

3312 *Calceolaria glandulosa* Poepp.

3313 *Hypochaeris* sp.

3314 *Chenopodium multifidum* L.

3315 *Chenopodium ambrosioides* L. ? no leaves

3316 *Chenopodium. ambrosioides* L.

3504 *Calandrina* *gilliesii* H&A.

3505 *Nassauvia* *spinosa* (Remy) Riche

3506 *Cerastium* *arvense* L.

3507 ~~sent~~ *ajona andina* Ph.

3508 *Astragalus* *Arnotianus* (H&A.) Reiche

3509 *Astragalus* *Cruciferankia* H&A.

3510 *Nassauvia* *uniflora* (Don) Hauman

3511 *Adesmia* *decumbens* Ph.

3512 *Mutisia* *taraxacifolia* Less

3513 *Mutisia* *linearifolia* Remy

3514 ~~ieren~~ *Phragmipedium heterophyllum* (A&P.) Eichler

3515 ~~myrt~~ *Eugenia chequen* H&A.

3516 ~~leg~~ *Anarchoaphyllum Cumingii* (H&A.) Riche

3517 *Phacelia* *pinnata* (P&P.) Macbride

3518 ~~verb~~ *Verbena scoparia* Gillies

3519 *Perezia* *carthamoides* (Don) H&A.

3520 ~~sol~~ *Jaborosa canescens* Gillies

3521 *Nassauvia* *Ligascae* (Gill.) Meyen forma *glabrescens*.

3522 *Gnaphalium* *cymatoides* Kunze?

3523 *Calandrinia* *rupicola* Barn.

3524 *Senecio* *depressus* H&A.

3525 *Hordeum* *comosum* Presl.

3526 *Hordeum* *comosum* Presl.

3527 *Cardamine* *nivalis* Gillies

3528 ~~sol~~ *Jaborosa canescens* Gillies

3529 *Anemone* *chilensis* Gay

3530 *Alstroemeria* sp.

3531 *Calceolaria* *biflora* Lam?

3532 *Stachys* *grandidentata* Lindley

3533 *Cynanchium nummulariifolium* H&A.

3534 *Poa* sp

3535 *Chuquiraga oppositifolia* Don

3536 *Gymnophyton polyccephalum* Clos

3537 *Descurainea diversifolia* Schulz

3538 *Senecio Donianus* H&A.

3539 *Phacelia pinnata* (R&P) Macbride

3540 *Tropaeolum polyphyllum* Cav.

3541 *Senecio cornutoides* H&A.

3542 *Sanicula graveolens* Poepp.

3543 *Trisetum spicatum* (L) Rich.

3544 ~~Phleum~~ *Phleum alpinum* L.

3545 *Physalis viscosa* L.

3546 *Azara Gilliesii* H&A.

3547 *Leucheria* sp

3548 *Cryptantha glomerulifera* (Pl.) Johnston

3549 *Aplopappus cuneifolius* Nutt.

3550 *Escallonia arguta* Presl

3551 *Senecio Donianus* H&A.

3552 *Schizanthus Hookeri* Gillies

3553 ~~etc~~ *Nicotiana* ?

3554 *Leucheria microcephala* Reich

3555 *Senecio Donianus* H&A.

Letter of Nov. 15, 1937 in file under Pirion.

Plants from Termas de Chillan, Chile, collected by Father Jaffuel, Feb. 1937
determined at the Gray Herbarium by I.M. Johnston, Jan. 1938.

3710 *Gentiana Pearcei* Phil.
3711 *Cardamine cordata* Barn.
3712 *Caltha andicola* (Gray) Walp.
3713 *Gnaphalium Chamissonis* DC.
3714 *Gnaphalium* sp.
3715 ~~Myrrhis~~ *Reynoldsiana* Phil.
3716 *Calandrinia Gayana* Barn.
3717 ~~Osmorrhiza~~ *Myrrhis Reynoldsiana* Phil.
3718 ~~Oreocarya~~ *Oreocarya alpina* Poepp. & Endl.
3719 ~~Myrtiola~~ *Leucomyrtillus* (Giseb.) Reiche
3720 *Calceolaria* sp.
3721 *Plantago barbata* Forst. var. *panciflora* (Hook.) Pilger
3722 ~~Oreocarya~~ *Stenodraba chilensis* (Phil.) Schuly
3723 *Valeriana macrorrhiza* Poepp.
3724 *Senecio* sp. (no flowers)
3725 *Armeria andina* Poepp.
3726 *Draba Gilliesii* Hook.
3727 *Senecio Hieracium* Reny
3728 *Epilobium nivale* Meyen
3729 *Mimulus* sp. (no 375)
3730 *Azara alpina* Poepp. & Endl.
3731 *Nassauvia nivalis* Poepp. & Endl.
3732 *Loasa lateritia* Gillies
3733 *Senecio* sp. (no flowers)
3734 *Viola Buchtiensis* Gaudiger
3735 *Viola Buchtiensis* Gaud.
3736 *Sisyrinchium juniforme* Poepp.
3737 *Quinchamalium chilensis* Molina
3738 ~~Maruspappospernum~~ *Philippi (Bucht.)* Hauman

3739 *Euphrasia chrysanthra* Phil.

3740 *Lomatia chilensis* Gay.

3741 ~~calyx~~ *Gamocarpha angustifolia* Phil

3742 ~~sp.~~ *Dioscorea glechomoides* (Rich.) Muell. Arg.

3743 *Loasa felicifolia* Poepp.

3744 *Cerastium divaricatum* L.

3745 ~~sp.~~ *Boopis spathulata* Phil.

3746 *Berberis montana* Gay

3747 *Berberis empetrifolia* Lam.

3748 *Viola corymbosa* Geng.

3749 *Polygala thesioides* Willd.

3750 *Empetrum rubrum* Vahl

3751 *Pernettya* sp.

3752 ~~sp.~~ *Gamocarpha alpina* (Poepp.)

3753 *Nothofagus antarctica* Forst.

3754 *Nothofagus pumilio* (Poepp. & Endl.) Krass.

3755 *Mimulus* sp. = 3729

3756 ~~sp.~~ *Oxalis Poeppigii* Benth.

3757 *Mimulus* sp. (= no 3729)

3758 *Stachys Gilliesii* Benth.

3759 *Gunnera magellanica* Lam

3760 *Azorella lycopodioides* Gaud.

3761 *Gentiana Pearcei* Phil

3762 ~~sp.~~ *Myoschilos oblongum* R. P.

3763 *Calceolaria tenella* Poepp. & Endl.

3764 *Massauvia lycopodioides* Phil.

3765 *Osmorrhiza Berterii* DC.

3766 *Acaena ovalifolia* R. P.

3767 *Rubus radicans* Cav.

3768 *Trifolium repens* L.

3769 *Trifolium pratense* L.

3770 ~~Calycula~~ *Calycera leucantha (Pogg.) Reiche*

3771 *Adesmia* sp.

3772 *Calandrinia umbellata* var. (= 2788)

3773 *Adesmia emarginata* Clos.

3774 *Saxifraga Pavonii* Don

3775 *Oxalis valdiviensis* Barn.

3776 *Valeriana carinosa* Sm.

3777 *Solanum* sp.

3778 *Gnaphalium* sp.

3779 *Alstroemeria Ligustrum L.*

3780 *Fuchsia magellanica* Lam.

3781 *Phacelia* sp.

3782 ~~Oreisia~~ *Oreisia microphylla* Pogg. & Endl.

3783 *Calceolaria* ~~biflora~~ ~~Cav.~~ *dentata* Pogg. (= no. 2764)

3784 *Calceolaria* *biflora* Cav.

3785 *Convolvulus avensis* L.

3786 *Hypochaeris* sp.

3787 *Calceolaria* ~~montana~~ *foliosa* Phil

3788 *Escallonia Carmelita* Meyer

3789 *Heliotropium paronychioides* DC.

3790 *Aplopappus* *marginalis* Phil?

3791 *Aplopappus* *gundeliaoides* (Less.) DC.

3792 *Senecio* sp.

3793 *Senecio* *gayanus* DC.

3794 *Hypochaeris* sp.

3795 *Perezia pedicularioides* Less.

3796 *Leucheria thermorum* (Phil.) Reiche

3797 *Erigeron* sp. (specimen too poor)

3798 *Erigeron* ~~erigeroides~~ sp. (too poor)

3799 *Senecio* sp.

3800 ~~comp. - Gnaphal. - Leucile~~ *Lucilia frigida* (Pogg.) Reiche

3801 Hypochaeris acaulis (Remy) Reiche
 3802 Lychnis sp.
 3803 Hypochaeris sp.
 3804 Baccharia Baccharis umbelliformis DC.
 3805 Aster glabrofolius (DC) Reiche
 3806 Perezia pilifera Fr. A.
 3807 Senecio chilensis Less.?
 3808 ~~compact~~ Chilotrichum rosmarinifolium Less.
 3809 Adesmia compacta Ph.
 3810 Erigeron andicola DC.
 3811 Senecio Gayanus DC.
 3812 Crepis capillaris (L.) Wallr.
 3813 Senecio sp.
 3814 Calamagrostis sp.
 3815 ~~Calamagrostid~~ Danthonia
 3816 Phleum alpinum L
 3817 Poa sp.
 3818 Polypogon crinitus Trin.
 3819 Dactylis glomerata L.
 3820 Carex sp.
 3821 ~~Danthonia~~ Bromus unioloides H.K.
 3822 Paspalum vaginatum Sw.
 3823 Syntherisma Digitaria
 3824 Agrostis sp.
 3825 Danthonia picta Nees & Meyer
 3826 Poa sp. = no 3860
 3827 ~~Trisetum~~ Calamagrostis
 3828 ~~gross~~ Cyperus edmonstonei L.
 3829 ~~Digitaria~~ ~~Syntherisma~~ (equals 3823)
 3830 Poa sp.
 3831 Trisetum sp.

3832 *Elymus angulatus* Poel

3833 *Agrostis* sp.

3834 *Poa* sp.

3835 *Carex Macloviana* D'Urv.

3836 *Carex Banksii* D'Urv.?

3837 *Luzula chilensis* Nees & Meyen

3838 *Luzula* "

3839 *Juncus stipulatus* Nees & Meyen

3840 *Carex andina* Phil.

3841 ~~Mar~~ *Marisippospermum Flüggei* (Buch.) Hauman

3842 *Schoenus*

3843 *Juncus chilensis* Gay?

3844 *Carex Macloviana* D'Urv.

3845 *Juncus imbricatus* Laharpe

3846 *Juncus balticus* L.

3847 *Carex decidua* Booth.

3848 *Eleocharis*

3849 *Carex Banksii* Booth.

3850 *Valeriana macrophylla* Poepp.

3851 *Vicia heterophylla* Phil.

3852 *Calceolaria biflora* Cav.

3853 *Viola* sp. (= no. 2844)

3854 *Sisyrinchium juniperinum* Poepp.

3855 ~~Juncus~~ *Plantago barbata* Forst., var. *panciflora* (Huds.) Pilger

3856 *Plantago lanceolata* L.

3857 *Cystopteris fragilis* (L.) Bernh.

3858 ~~Polystichum~~ *mohrioides* Blechnum *penna-marina* Pois.

3859 Blechnum sp. (specimen lacks sporangia)

3860 ~~Poa~~

3861 *Draba gilliesii* H.A.

3862 *Senecio chilensis* Less.

3863 *Veronica serpyllifolia* L.
 3864 *Adesmia axillaris* Phil.
 3865 *Galium fuegianum* Hook.
 3866 *Perezia nutans* Less.
 3867 *Valeriana laxiflora* DC.
 3868 ~~■■■■■~~ *Anarca Commersonii* Hook.
 3869 *Valeriana carnosia* Sm.
 3870 ~~Lathyrus~~ *Vicia apiculata* Phil.
 3871 *Lathyrus multiceps* Clos.
 3872 *Geranium magellanicum* Hook.
 3873 *Geranium submolle* Steud.
 3874 *Polygonum lapathifolium* L. (= no. 3239)
 3875 ~~Thun.~~ *Diacaria serratifolia* (Miers) Benth. & Hook.
 3876 *Calceolaria biflora* Cav.
 3877 *Valeriana carnosia* Sm.
 3878 ~~Pernyetta~~ *Pernettya leucocarpa* DC.
 3879 *Ranunculus peduncularis* Sm.
 3880 *Berberis empetrifolium* Lam.

no 3020
 3647) *Lugula Leboldii* Buchen (not *L. dulensis*)

collections by Jaffuel

nos 3890 - 4025

Plants of Chile and Peru received from Father Pirion, Jan. 1938.
determined at the Gray Herbarium by I. M. Johnston

3890 Polypogon *lutescens* (Pers.) Hitchc.

3891 Bromus *unioloides* HBK 135 number

3892 Cenchrus *myosuroides* HBK.

3893 ~~Scirpus~~ *Cyperus alternifolius* L.

3894 ~~Scirpus~~ *Eriochloa punctata* (L.) Desv.

3895 Scirpus *americanus* Pers.

3896 Scirpus *cerinus* Vahl

3897 Solanum *nigrum* L.

3898 Melilotus *indicus* (L.) All.

3899 Coldenia *paryonichioides* Phil

3900 Cestrum *auriculatum* R. & P.

3901 Lippia *reptans* HBK

3902 Verbena *lippiana* R. & P.

3903 Waltheria *ovata* Cav.

3904 Clematis *Hilaria* Spreng.

3905 Alternanthera *halimifolia* (Lam.) Standley

3906 Trixis *radialis* (L.) Lag.

3907 Ambrosia *sp.*

3908 Grindelia *glutinosa* (Cav.) Dunal

3909 Nicotiana *glaucia* Graham

3910 Lycopersicum *peruvianum* Mill.

3911 Equisetum *giganteum* L. *lit. Wetherby*

3912 Phragmites ?

3913 Lycopersicum *peruvianum* Mill.

3914

3915 Nolana *Gayana* (Gaud.) Koch.

3916 Paspalum *sp.*

3917 ~~Eriochloa~~ *Eriochloa punctata* (L.) Desv.

3918 Polypogon *elongatus* HBK

3919 ~~Eriochloa~~ *Eriochloa punctata* (L.) Desv.

Aug
Sept
Oct
Nov

Pirion 2

3920 ~~Setaria~~ *Setaria geniculata* (Lam.) Beauv.

3921 *Sporobolus* ~~Ber~~ *Berteroanus* (Trin.) Hitch. & Chase

3922 ~~Setaria~~ *Ichnanthus minarum* (Nees) Doell

3923 *Cynodon Dactylon* (L.) Pers.

3924 *Bouteloua* sp.?

3925 ~~Setaria~~ *Setaria geniculata* (Lam.) Beauv.

3926 *Echinochloa crus-galli* L.

3927 *Spergularia pycnantha* Rossb. ined. (= no. 1164 and 2647)

3928 *Senecio Brunonianus* H. & A.

3929 *Cassia coquimbensis* Vog

3930 *Heliotropium arborescens* L.

3931 *Heliotropium pilosum* R. & P. var. albatum Jussieun

3932 *Nolana humifusa* (Gouan) Jussieun

3933 *Oenothera rosea* Aitton

3934 *Oenothera laciniata* Hill.

3935 *Tournefortia microcalyx* (R. & P.)

~~3936 Nolana~~

Flora 3 and 4

✓ 3936 Cynodon *Dactylon* (L.) Pers.

Concon 3937 Distichlis *thalassica* (HBK) Desv.

3938 Bromus *unioides* HBK.

3939 Eleocharis *bonariensis* Nees

3940 Scirpus sp.

3941 Scirpus *nodosus* Rottb.

3942 Scirpus sp.

3943 Scirpus *repens* Presl

3944 Calandrinia *glaucia* Schrad.

3945 --- nix

3946 Astragalus *amatus* Clos

3947 Astragalus *Edmonstonei* (Hook.) Robins.

3948 Sisyrinchium *geminifolium* Lendl.

3949 Nolana *paradoxa* Lendl.

3950 Convolvulus *Soldanella* L.

3951 Polygonum *chilense* Koch.

? 3952 Tweedia *confertiflora* (Dcne.) Walme.

3953 Leucheria *senecioides* H.A.

3954 Gnaphalium *chamissonis* DC.

3955 Plantago *hispidula* R.P.

3956 Oenothera sp.

3957 Rumex *cuneifolius* Camp.

3958 Eleocharis *bonariensis* Nees

3959 Oenothera *contorta* Dougl.

✓ 3960 ~~■~~ *Nassella chilensis* Desv.

3961 ~~■~~ *Molinbergia* Poa sp.

3962 Melica *rotacea* Cav.

3963 Briza *subaristata* Lam.

3964 Briza *subaristata* Lam.

3965 Briza *maxima* L.

3966 ~~■~~ *Nassella*

3967 *Hordeum chilense* Brong.

Grauca

3968 *Trisetum spicatum* (L.) Rchb.
 3969 *Festuca* sp.
 3970 *Poa* sp.
 3971 *Poa* sp.
 3972 ~~—~~ *Pystochaetium tuberculatum* Desv.
 3973 *Bromus rigidus* Roth.
 3974 *Polypogon crinitus* Trin
 3975 *Danthonia chilensis* Desv.
 3976 *Osmorrhiza Bertero* DC.
 3977 *Solanum* sp. (= no 2904)
 3978 *Solanum crispum* R. & P.
 3979 *Sanicula liberta* C. & S.
 3980 ~~—~~ *Calendula arvensis* L.
 3981 *Calceolaria* sp.
 3982 *Ribes punctatum* R. & P
 3983 *Verbena lacinia* (L.) Dryz.
 3984 *Chaptalia exscapa* (Pers.) Baker
 3985 ~~—~~ *Chevreulia lanceolata* Remy
 3986 *Gnaphalium americanum* Mill.
 3987 *Oxalis parvifolia* DC.
 3988 *Oxalis rosia* Jacq.
 3989 *Nasturtium* sp. (specimen poor)
 3990 ~~—~~ *Chiropterium tricuspidatum* (Lam.) Juss.
 3991 ~~—~~ *Microsaxifrage nana* DC.
 3992 ~~—~~ *Hymenophyllum tunbridgense* (L.) Sm. det. Weatherby.
 3993 *Alchemilla arvensis* (L.) Scop.
 3994 *Geranium intermedium* Colla
 3995 *Oenothera stricta* Ledeb. and *Oe. mollissima* L.
 3996 ~~—~~ *Ligustrum radicans* R. & P.
 3997 *Betula pendula* Roth det Rehder
 3998 *Lathyrus* *Hochei* Don

3999 *Vicia sativa* L.
4000 *Centella triflora* (R.P.) Nauny.
4001 *Stachys Macraei* Benth
4002 *Nothoscordum gramineum* (Lem.) Benth
4003 " " " "
4004 ~~—~~ *Anthemis mixta* L?
4005 *Myosotis azorica* Wats.
4006 *Calandrinia congesta* Schrad.
4007 orchid
4008 orchid
4009 *Paronychia chilensis* DC.
4010 *Linum selaginoides* Lam.
4011 *Spergularia rubra* (L.) Presl
4012 *Veronica arvensis* L.
4013 *Hybanthus parviflorus* (Mut.) Baill.
4014 fern *Polytichum* sp.
4015 fern *Hypolepis punctata* (Thunb.) Mett. sens. lat.
4016 fern ~~—~~ *Blechnum aperum* (L.) Sturm sed segmentis subfalcatus acutis.
4017 fern *Polypodium Feuillesi* Bert.
4018 fern *Asplenium trilobum* L.
19 ~~—~~ *Asplenium dareoides* Desv.
20 ~~—~~ *Trichomanes essectum* Kze.
21 fern *Adiantum chilense* Ruff.
22 fern *Blechnum aciculatum* Cav.
4023 *Spergularia villosa* (Pers.) Camb. (= no. 637, 639 and 2992)
4024 *Spergularia* " " "
4025 ~~Boehmeria~~ *Mesobilis prostrata* (R.P.) Hemsl. (= no. 805)

det. Weatherby